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24.05.2000 US 206996 P
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(54) **Dynamic application port service provisioning for packet switch**

(57) A packet switching node has first and second forwarding engines interconnected over a first path dependent on an inspection engine and a second path independent of the inspection engine. The first forwarding engine identifies a first session in which an application port number is to be dynamically negotiated for a second session and directs the first session to the first path. The inspection engine monitors a dynamic application port

number negotiation for the first session, determines a dynamic application port number for the second session, configures a service level for the second session on the forwarding engines and directs the second session to the second path. The first forwarding engine also identifies a third session in which an application port number is statically assigned and directs the third session to the second path.

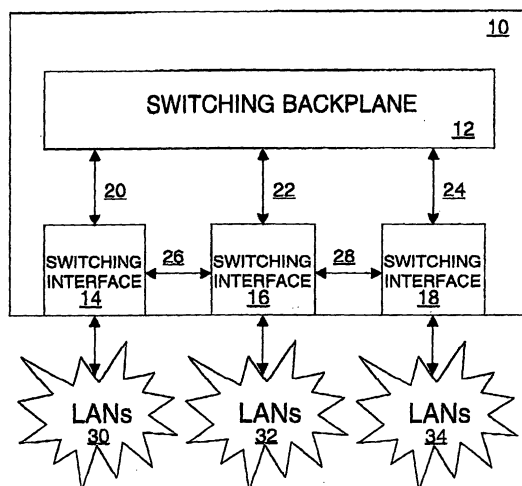


FIG. 1



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EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 30 March 2004	Examiner García Bolos, R
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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